

2.000" I.D. to 8.625" O.D. (50.8 to 219.1 mm)

Reliable Performance

The model MT is designed specifically for the tough mid-sized pipe projects. Portable, powerful and reliable, the MT performs all of your on-site machining with the speed and accuracy that will lower your costs and keep you on schedule.

This design, proven over years of job-site use, delivers the optimum speed and torque combination to make short work of your pipe prep projects. Our patented heavy duty gear sets deliver the power to quickly cut heavy wall pipes of carbon, chrome moly or stainless steel materials.

The split-design allows the power unit to be quickly removed from the center shaft, reducing the heaviest lift to just 40.5 lbs. (18.4 kg). The shaft is locked into the pipe and the power unit is then placed onto the shaft.

Electric motor power is available upon request.



- Weighs Just 50.5 lbs. (22.9 kg)
- Reliable Pneumatic, Hydraulic Or Electric Power
- Torque-Free Operation
- Quickly Separates Into Two Pieces For Easy Handling
- Compact Design
- Rental Or Purchase
- Resurface Flanges Up To 10.630" (270.0 mm) O.D.



Specifications*

Working Range.....	2.000" (50.8 mm) I.D. to 8.625" (219.1 mm) O.D.
Pneumatic Motor	3.0 H.P. (2.22 kW)
Recommended Air Pressure	90 PSI (6.1 Bar)
Recommended Volume	65 CFM (1.9 m ³ /min.)
Speed	22 RPM
Hydraulic Motor	5.36 H.P. (4.0 kW)
Pump Requirements.....	5.28 GPM @ 1740 PSI (20 lpm @ 138 Bar)
Speed.....	0 - 26 RPM
Electric Motor	2.5 H.P. (1.8 kW), 120/230 V, 16.0A
Speed	0 - 37 RPM
Radial Tool Clearance.....	9.000" (228.6 mm)
Travel	3.500" (88.9 mm)
Weight	
Power Unit, Pneumatic	40.5 lbs. (18.4 kg)
Power Unit, Electric	47.5 lbs. (21.5 kg)
Center Shaft	10.0 lbs. (4.5 kg)
Length.....	19.000" (482.6 mm)

* Specifications are subject to change without notice.

Internal locking



Wedge Sets

I.D. Range

Wedge Sets	Inches	MM	Rod/ Shaft
2.000	2.000 - 2.500	50.8 - 63.5	Std.
2.500	2.500 - 3.000	63.5 - 76.2	Std.
3.000	3.000 - 3.500	76.2 - 88.9	Std.
3.500	3.500 - 4.000	88.9 - 101.6	Std.
4.000	4.000 - 4.500	101.6 - 114.3	Std.
4.500	4.500 - 5.000	114.3 - 127.0	Std.
5.000	5.000 - 5.500	127.0 - 139.7	Std.
5.500	5.500 - 6.000	139.7 - 152.4	Std.
6.000	6.000 - 6.500	152.4 - 165.1	Std.
6.500	6.500 - 7.000	165.1 - 177.8	Std.
7.000	7.000 - 7.500	177.8 - 190.5	Std.
7.500	7.500 - 8.000	190.5 - 203.2	Std.
8.000	8.000 - 8.500	203.2 - 215.9	Std.

Accurate, Safe and Productive

The H&S internal centering wedge plate system clamp enables torque-free operation and centers the tool in the pipe for accurate machining.

Locking pads are also available to reduce distortion on thin wall, stainless and other materials.



For machining elbows and in other applications where a higher degree of accuracy is required, specify the H&S elbow mandrels.

37.5°, 30.0° O.D. Bevel



2.000" (50.8 mm) I.D. to 8.625" (219.1 mm) O.D.
SM-37.500

2.000" (50.8 mm) I.D. to 8.625" (219.1 mm) O.D.
SM-37-10

90.0° Facing/Shortening



2.000" (50.8 mm) I.D. to 8.625" (219.1 mm) O.D.
SM-F

10.0° I.D. Bevel

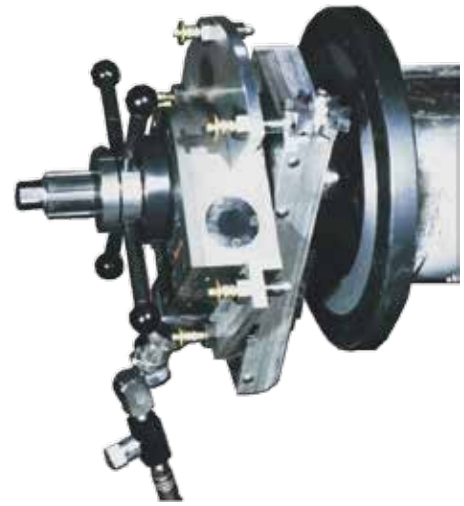


3.000" (50.8 mm) I.D. to 8.625" (219.1 mm) O.D.
SM-I

Tooling

The tool holder is designed to accept a variety of tooling, enabling you to perform up to three operations at the same time.

Tooling is made from high quality tool steel, carbide and titanium nitride coated materials. Tooling can also be custom manufactured for your special machining requirements.



Flange Facing

The H & S Tool Model MT is also available as a powerful, accurate flange facing machine with automatic horizontal indexing. Order it as a flange facer and the MT is delivered ready to install the cutting blade and begin work. You can also order it with the standard machining attachments and order the flange facing package sent along to be converted later. The package comes complete with easy-to-follow, illustrated instructions. The MT can face flanges up to 10.630" (270.0 mm) O.D. maximum reach.

Refer to the Flange Facing sheet for specifications and details.

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